

Page 46, replace the paragraph beginning at line 12 with the corresponding replacement paragraph provided in Appendix 1.

Page 46, replace the paragraph beginning at line 28 with the corresponding replacement paragraph provided in Appendix 1.

Table 1, replace the first page of Table 1 with the attached replacement page.

Table 3, replace Table 3 with the attached replacement Table 3.

**In the Claims:**

1 Clean copies of the amended claims are provided in Appendix 3 attached hereto.

2

3 9. (Twice Amended) An isolated, purified, or enriched nucleic acid sequence at  
4 least 15 nucleotides in length, wherein said sequence corresponds to at least a portion of a  
5 bacteriophage 77 open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO.  
6 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9) sequence.

7

8 12. (Amended) A recombinant vector comprising a nucleic acid sequence at  
9 least 24 nucleotides in length corresponding to a portion of bacteriophage 77 open reading frame  
10 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID  
11 NO. 8), or 182 (SEQ ID NO. 9).

12

13 13. (Amended) A recombinant cell comprising a vector, wherein said vector  
14 comprises a nucleic acid sequence at least 24 nucleotides in length corresponding to at least a  
15 portion of bacteriophage 77 open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43  
16 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9).

17

18 33. (Amended) The nucleic acid sequence of claim 9, wherein said open  
19 reading frame is open reading frame 17 (SEQ ID NO. 4).

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21                   34. (Amended) The nucleic acid sequence of claim 9, wherein said open  
22 reading frame is open reading frame 19 (SEQ ID NO. 5).  
23

24                   35. (Amended) The nucleic acid sequence of claim 9, wherein said open  
25 reading frame is open reading frame 43 (SEQ ID NO. 6).  
26

27                   36. (Amended) The nucleic acid sequence of claim 9, wherein said open  
28 reading frame is open reading frame 102 (SEQ ID NO. 7).  
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30                   37. (Amended) The nucleic acid sequence of claim 9, wherein said open  
31 reading frame is open reading frame 104 (SEQ ID NO. 8).  
32

33                   38. (Amended) The nucleic acid sequence of claim 9, wherein said open  
34 reading frame is open reading frame 182 (SEQ ID NO. 9).  
35

36                   40. (Amended) The nucleic acid sequence of claim 9, wherein said open  
37 reading frame is open reading frame 17 (SEQ ID NO. 4).  
38

39                   41. (Amended) The nucleic acid sequence of claim 9, wherein said open  
40 reading frame is open reading frame 19 (SEQ ID NO. 5).  
41

42                   42. (Amended) The nucleic acid sequence of claim 9, wherein said open  
43 reading frame is open reading frame 43 (SEQ ID NO. 6).  
44

45                   43. (Amended) The nucleic acid sequence of claim 9, wherein said open  
46 reading frame is open reading frame 102 (SEQ ID NO. 7).  
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48                   44. (Amended) The nucleic acid sequence of claim 9, wherein said open reading  
49 frame is open reading frame 104 (SEQ ID NO. 8).  
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51                   45. (Amended) The nucleic acid sequence of claim 9, wherein said open  
52 reading frame is open reading frame 182 (SEQ ID NO. 9).  
53

54                   48. (Amended) An isolated, purified, or enriched nucleic acid sequence at least  
55   15 nucleotides in length, wherein said sequence encodes a portion at least 5 amino acids in  
56   length of a polypeptide encoded by a bacteriophage 77 open reading frame 17 (SEQ ID NO. 4),  
57   19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182  
58   (SEQ ID NO. 9).

59

60                   49. (Amended) The nucleic acid sequence of claim 48, wherein said open  
61   reading frame is open reading frame 17 (SEQ ID NO. 4).

62

63                   50. (Amended) The nucleic acid sequence of claim 48, wherein said open  
64   reading frame is open reading frame 19 (SEQ ID NO. 5).

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66                   51. (Amended) The nucleic acid sequence of claim 48, wherein said open  
67   reading frame is open reading frame 43 (SEQ ID NO. 6).

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69                   52. (Amended) The nucleic acid sequence of claim 48, wherein said open  
70   reading frame is open reading frame 102 (SEQ ID NO. 7).

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72                   53. (Amended) The nucleic acid sequence of claim 48, wherein said open  
73   reading frame is open reading frame 104 (SEQ ID NO. 8).

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75                   54. (Amended) The nucleic acid sequence of claim 48, wherein said open  
76   reading frame is open reading frame 182 (SEQ ID NO. 9).

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78                   59. (Amended) The sequence of claim 58, wherein said open reading frame is  
79   open reading frame frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102  
80   (SEQ ID NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9).

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82                   61. (Amended) The sequence of claim 60, wherein said open reading frame is  
83   open reading frame 17 (SEQ ID NO. 4), 19 (SEQ ID NO. 5), 43 (SEQ ID NO. 6), 102 (SEQ ID  
84   NO. 7), 104 (SEQ ID NO. 8), or 182 (SEQ ID NO. 9).

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